FIG. 1A

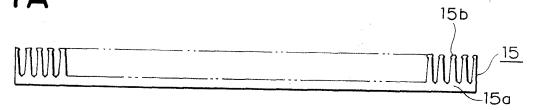


FIG. IB

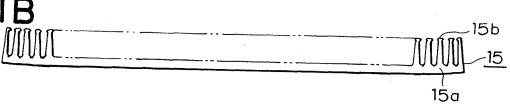


FIG. IC

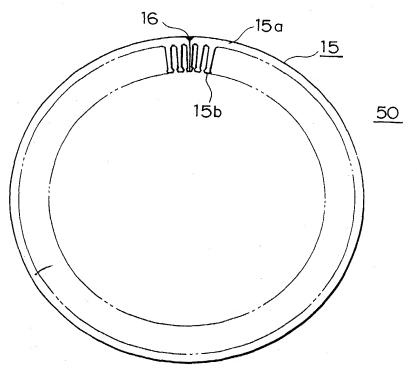


FIG. 2

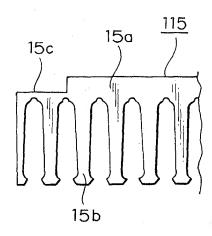


FIG. 3A

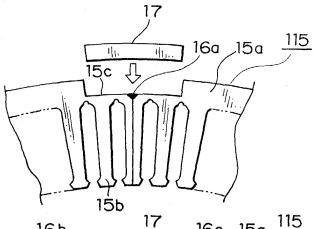


FIG. 3B

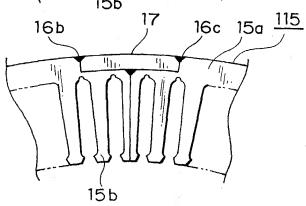


FIG. 4

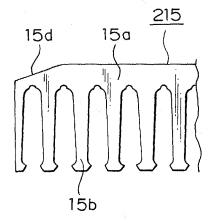


FIG. 5

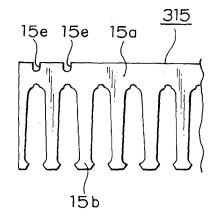


FIG. 6

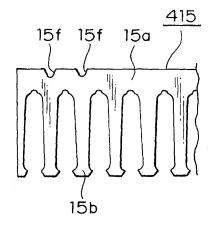
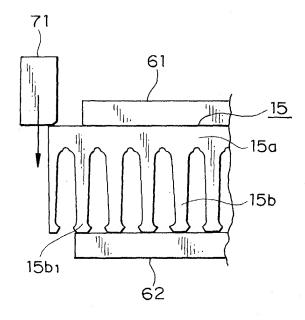
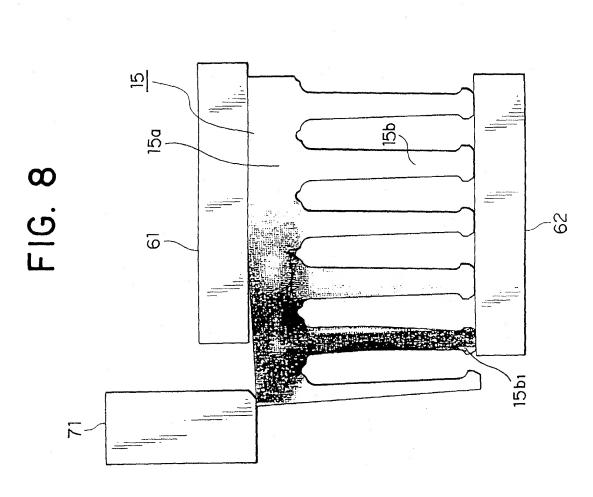


FIG. 7





SEQV (AVG)
POWER GRAPHICS
EFACET=1
AVRES=Mat
DMX =1, 059
SMN = .528E-12
SMN = .645.963

STRESS(MPa)

FIG. 9

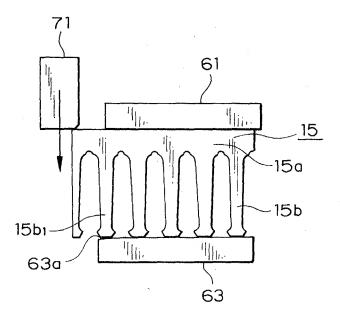


FIG. 10

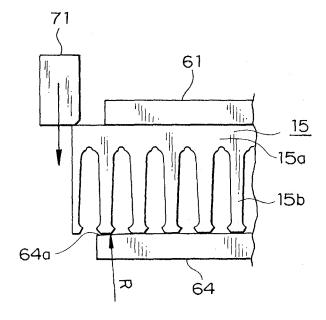
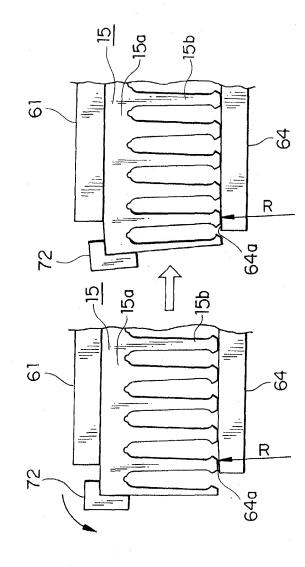


FIG. 11A FIG. 11B



F16. 12

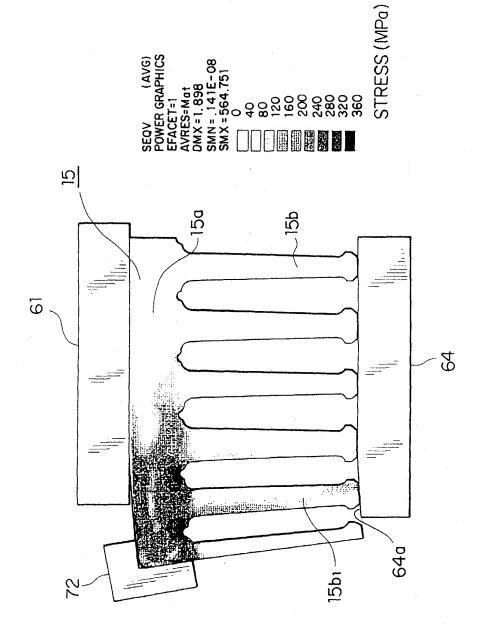


FIG. 13A

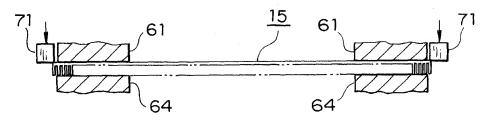


FIG. 13B

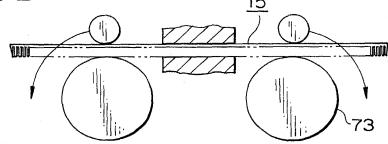


FIG. 13C

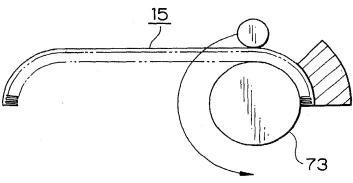


FIG. 13D

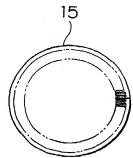


FIG. 14A

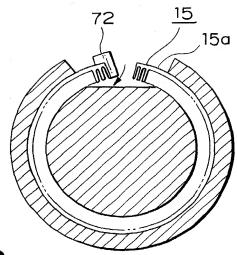


FIG. 14B

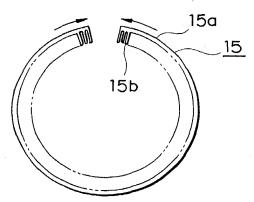
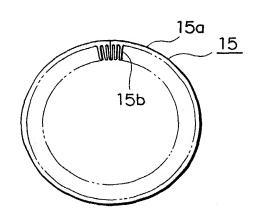
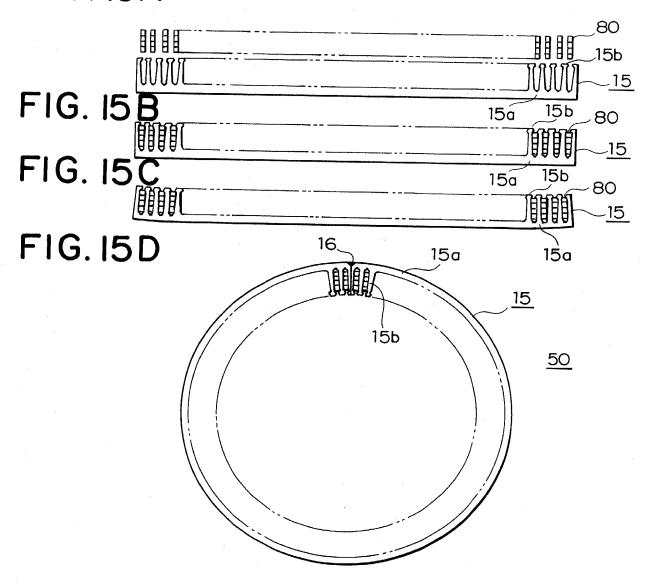


FIG. 14C







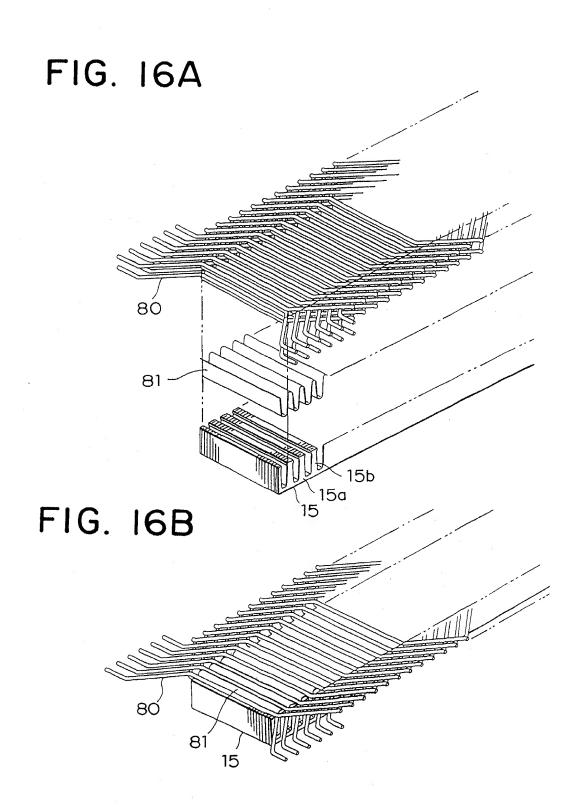
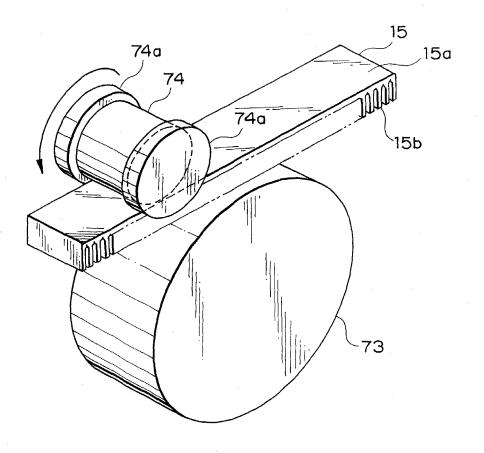


FIG. 17



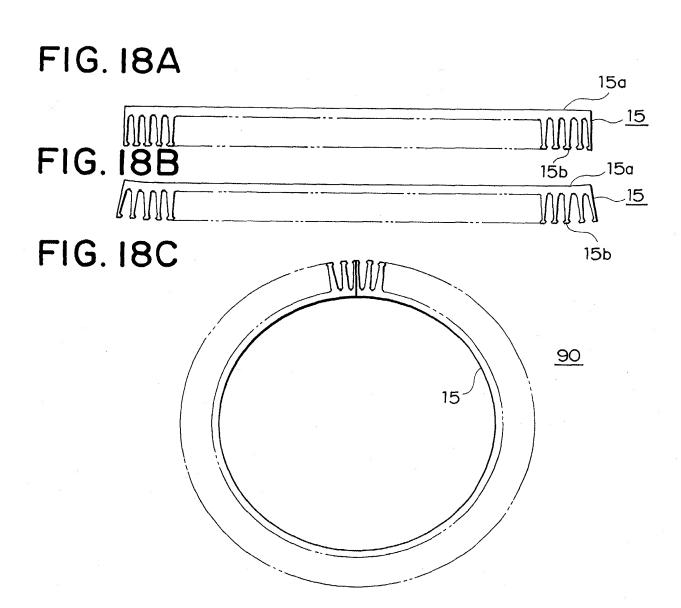


FIG. 19

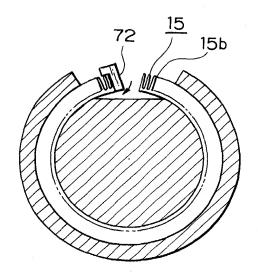


FIG. 20

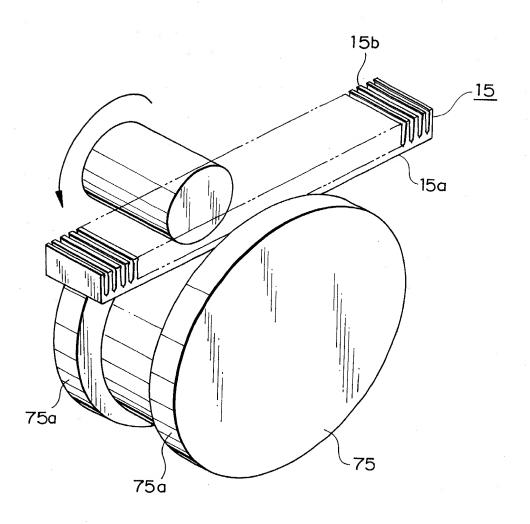


FIG. 21

PRIOR ART

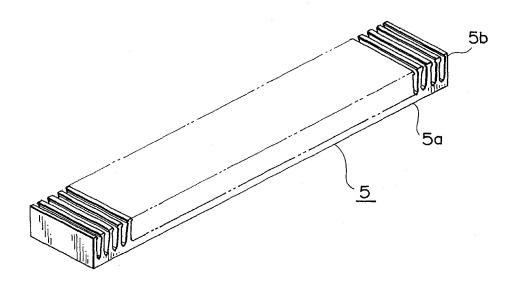


FIG. 22 PRIOR ART

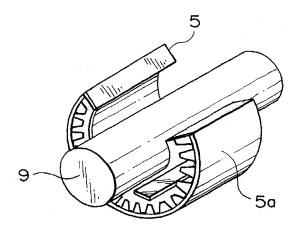
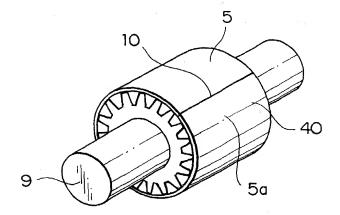


FIG. 23
PRIOR ART





PRIOR ART

